

(FILE 'HOME' ENTERED AT 09:11:56 ON 31 MAY 2002)

FILE 'CAPLUS' ENTERED AT 09:12:06 ON 31 MAY 2002

L1 32 S VARIOUS CALCIUM CHANNEL  
L2 35687 S CALCIUM (5A) (INHIBIT? OR BLOCK? OR ANTAGONI?)  
L3 6422 S (SMOOTH? OR RELAX? OR LOOSEN? OR SLACKEN?) (10A) (SKIN OR TIS  
L4 33 S L2 (2S) L3  
L5 28 S L2 (1S) L3  
L6 22 S L5/AB  
L7 22 FOCUS L6 1-

FILE 'USPATFULL' ENTERED AT 10:08:31 ON 31 MAY 2002

L8 105 S L5  
L9 32 S (SMOOTH? OR RELAX? OR LOOSEN? OR SLACKEN?) (10A) (SKIN TISSUE  
L10 3 S L2 AND L9

=> save all

ENTER NAME OR (END):l1-10

L1-10 IS NOT A VALID SAVED NAME

Enter the name you wish to use for the saved query,  
answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile,  
structure, or screen set), /A for an answer  
set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

ENTER NAME OR (END):l981751/l

L# LIST L1-L10 HAS BEEN SAVED AS 'L981751/L'

=>

ED AT 09:11:56 ON 31 MAY 2002)

FILE 'CAPLUS' ENTERED AT 09:12:06 ON 31 MAY 2002

L1 32 S VARIOUS CALCIUM CHANNEL

=> d 4 all

L1 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2002 ACS

AN 2001:389899 CAPLUS

DN 135:72501

TI Distribution of **various calcium channel**

.alpha.1 subunits in murine DRG neurons and antinociceptive effect of .omega.-conotoxin SVIB in mice

AU Murakami, M.; Suzuki, T.; Nakagawasai, O.; Murakami, H.; Murakami, S.; Esashi, A.; Taniguchi, R.; Yanagisawa, T.; Tan-No, K.; Miyoshi, I.; Sasano, H.; Tadano, T.

CS Department of Molecular Pharmacology, Tohoku University School of Medicine, Seiryomachi, Aoba-ku, Sendai, 980-8575, Japan

SO Brain Research (2001), 903(1,2), 231-236

CODEN: BRREAP; ISSN: 0006-8993

PB Elsevier Science B.V.

DT Journal

LA English

CC 4-5 (Toxicology)

Section cross-reference(s): 1

AB Immunohistol. study revealed the differential localization of subtypes of voltage-dependent calcium channels in the dorsal root ganglion neurons. Intrathecal injection of .omega.-conotoxin SVIB, an analog of .omega.-conotoxin GVIA, which acts on N-type voltage-dependent calcium channels, significantly shortened the licking time in the late phase of a formalin test.

ST calcium channel DRG neuron omega conotoxin analgesia

IT Calcium channel

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(N-type; distribution of **various calcium**

**channel** .alpha.1 subunits in murine DRG neurons and

antinociceptive effect of .omega.-conotoxin SVIB in mice)

IT Analgesia

(distribution of **various calcium channel**

.alpha.1 subunits in murine DRG neurons and antinociceptive effect of

.omega.-conotoxin SVIB in mice)

IT Ganglion

(spinal; distribution of **various calcium**

**channel** .alpha.1 subunits in murine DRG neurons and

antinociceptive effect of .omega.-conotoxin SVIB in mice)

IT 50-00-0, Formalin, biological studies

RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)

(distribution of **various calcium channel**

.alpha.1 subunits in murine DRG neurons and antinociceptive effect of

.omega.-conotoxin SVIB in mice)

IT 150433-82-2, .omega.-conotoxin SVIB

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(distribution of **various calcium channel**

.alpha.1 subunits in murine DRG neurons and antinociceptive effect of

.omega.-conotoxin SVIB in mice)

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD

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*Support  
for  
various  
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